

Republic of the Philippines

Department of Education

11 DEC 2018

DepEd MEMORANDUM No. 191 , s. 2018

2019 METROBANK-MTAP-DEPED MATH CHALLENGE

To: Undersecretaries
 Assistant Secretaries
 Bureau and Service Directors
 Regional Directors
 Schools Division Superintendents
 Public and Private Elementary and Secondary School Heads
 All Others Concerned

- 1. The Department of Education (DepEd) announces the **2019 Metrobank-MTAP-DepEd Math Challenge (MMC)** from December 2018 to March 2019. This competition will be conducted by the Metrobank Foundation Inc. (MBFI), and the Mathematics Teachers Association of the Philippines (MTAP), in cooperation with the DepEd regional and schools division offices.
- 2. The overall objective of the competition is to ensure maximum participation in improving the quality of Mathematics Education in the Philippines. Specifically, it aims to:
 - a. awaken greater interest in Mathematics among elementary and junior high school learners in the country,
 - b. challenge them to strive for mathematical excellence, and
 - c. empower mathematical talents with awards and recognitions for them to serve as models to the youth.
- 3. The Eliminations and Division Level Competitions will be participated in by elementary and junior high school learners nationwide. However, only Grades 6 and 10 learners can participate in the Regional and National Finals.
- 4. All public and private schools are required to register online and submit the **ONLINE MMC Form 1** via http://metrobankmathchallenge.com. Also, DepEd Division Mathematics Supervisors are required to accomplish the MMC Form 2 through the MMC online portal (http://onlineportal.metrobankmathchallenge.com).
- 5. The Division Mathematics Supervisors shall be in-charge of the preparation, implementation and documentation of the **Eliminations and Division Competitions**, including preparation of the program and selection of qualified officials to serve as judges, proctors, and hosts/quizmasters. They will also be responsible for settling all questions, including protests, which may arise in the course of the competition. Alternatively, a panel of advisers may be formed by the Schools Division Superintendents.

- 6. To maintain security and confidentiality of the test questions, the Division and Regional Mathematics Supervisors—with the assistance of the MTAP representatives—shall document the turn-over of the test materials, and all packages in different stages of the competition, which will be opened simultaneously at exactly 8:00 a.m. on the specified dates.
- 7. All concerned are advised to read carefully the MMC Document No. 2 for the Operating Guidelines, as new policies are strictly implemented.
- 8. For the **Regional Finals**, the Regional Mathematics Supervisors shall be in-charge of the preparation, implementation and documentation, including the preparation of program, designation of judges, proctors, correctors for the individual competition and hosts/quizmasters. Representatives from MTAP will assist in facilitating this stage of the competition, both in the individual and team categories. They will also be responsible for settling all questions, including protests, which may arise in the course of the competition.
- 9. Travel of MTAP representatives who will assist DepEd regional offices to organize and conduct the Regional Finals shall be **on official time only**.
- 10. For the **National Finals**, the following are the qualifications in determining the 10 National Finalists for both individual and team competitions in the elementary and junior high school levels:
 - a. Top scorers for both Categories A and B in the National Capital Region (NCR);
 - The two categories, A and B, are for NCR only. Category A is for regular public schools while Category B is for Science High Schools, Chinese schools and other performing public and private schools identified by the MTAP and City Schools Divisions of NCR. This categorization was made to give regular schools chances to compete, and has been the practice of NCR as the primary partner of MTAP when they initially started the Math Challenge.
 - b. Top scorer in each geographical area (the rest of Luzon, Visayas, and Mindanao); and
 - c. Remaining five top scorers across all regions.
- 11. From the elimination round of the regional level competition, the participants shall shoulder expenses on transportation, meals, and accommodation (if applicable).
- 12. At the national level, the MBFI shall finance the transportation expenses, accommodation and meal allowance of the national finalists and their coaches. MBFI shall also provide the awards for the winners from the division finals (medals) to the regional and national finals (cash incentives, medals, and trophies). Cash incentives will also be awarded to the coaches of regional and national finalists.
- 13. The following documents and forms are provided in the following enclosures:
 - a. Enclosure No. 1 Primer (MMC Document No. 1),
 - b. Enclosure No. 2 Operating Guidelines (MMC Document No. 2),
 - c. Enclosure No. 3 Contest Mechanics (MMC Document No. 3), and
 - d. Enclosure No. 4 Online Registration MMC Form No. 1 (MMC Document No. 4).

These documents and forms may also be downloaded at www.mbfoundation.org or at the official facebook page of MMC at www.facebook.com/MMC-Metrobank-MTAP-DepEd-Math-Challenge.

- 14. A separate memorandum on the guidelines will be issued for the NCR competitions.
- 15. In case of conflict in schedule with other DepEd activities, the schools division and regional offices are advised to assign focal persons to administer the tests at the schools division and/or regional levels on the scheduled dates.

As agreed upon by the MMC National Steering Committee, conduct of the contest other than the schedule below is not allowed:

Activity/Contest	Date
Registration Submission of MMC Form 1 through MMC portal	October 10 to December 3, 2018
Submission of MMC Form 2 through MMC portal	November 17 to December 3, 2018
Elimination Rounds	
Elementary Junior High School Due for Submission of Results through	January 17, 2019 January 18, 2019
MMC portal	January 22, 2019
Division Finals	
Elementary	February 7, 2019
Junior High School	February 8, 2019
Due for Submission of Results through	February 15, 2019
MMC portal	
Regional Finals	March 1, 2019
Due for Submission of Results to MBFI	March 6, 2019
National Finals	
Opening Program and Written Exam	March 29, 2019
National Finals and Awarding	March 30, 2019

- 16. Change in schedule of the elimination rounds and division finals shall only be allowed upon approval of the National Steering Committee and on the following grounds:
 - a. Competition coincides with the celebration of a local holiday, or
 - b. Schools Division is affected by a natural calamity;
 - c. Changes for the regional finals entail budgetary and logistic implications as Metrobank Foundation covers the airfare of the MTAP representatives who will facilitate the regional finals. To maximize their resources, it is more practical that they book early for a cheaper airfare; and
 - d. The Metrobank branches are also the ones processing and releasing the Fun Savers Club ATMs of the winners, as well as the transportation allowance of the participants and coaches. This means having an advance notice as the approval will be coming from the Metrobank head office.

The schools division office must inform the MMC National Steering Committee at least two weeks before the original competition schedule.

17. Arrangements for substitute teachers must be made to ensure that the classes of the participating teacher-coaches will not be disrupted.

- 18. Should the competition be rescheduled on a Saturday, DepEd personnel who will organize and facilitate the events shall earn service credits or compensatory time-off for nonteaching personnel.
- 19. The Division Mathematics Supervisors shall submit a completion report on the conduct of the elimination and division finals on or before **February 15, 2019**. Only an electronic copy of the report should be submitted through an email at secretariat.mathchallenge@gmail.com.
- 20. For more information, please contact **Sr. Iluminda C. Coronel f.m.m.**, President, Mathematics Teachers Association of the Philippines, at telefax nos. (02) 912-5249, (02) 709-0447 or email at iccoronel_mtaphil@yahoo.com, or call Metrobank Foundation Inc. c/o **Mr. Allan Reyes**, Program Manager at telephone nos. (02) 857-0618, (02) 898-8898, mobile phone no. 0922-804-3102 or email at aareyes@metrobank.com.ph.
- 21. Immediate dissemination of this Memorandum is desired.

LEONOR MAGTOLIS BRIONES

Secretary

Encls.:

As stated

Reference:

DepEd Memorandum No. 002, s. 2018

To be indicated in the <u>Perpetual Index</u> under the following subjects:

CONTESTS
LEARNERS
LEARNING AREA, MATHEMATICS
PRIZES OR AWARDS
SOCIETY OR ASSOCIATIONS

(Enclosure No. 1 to DepEd Memorandum No. 191, s. 2018)



PRIMER

MMC Document No. 1





ABOUT THE COMPETITION

I. NATURE

The Metrobank-MTAP-DepEd Math Challenge is an annual Mathematics competition for elementary and junior high school students in both public and private schools nationwide. Now on its 18th year, the Math Challenge is being implemented by the Metrobank Foundation, Inc. (MBFI), the Mathematics Teachers Association of the Philippines (MTAP) and the Department of Education (DepEd).

II. OBJECTIVES

The overall objective of the Metrobank-MTAP-DepEd Math Challenge is to contribute in improving the quality of mathematics education in the Philippines. Specifically, it aims to:

- A. Awaken greater interest in Mathematics among elementary and secondary students in both public and private schools all over the country;
- B. Encourage students to strive for excellence in Mathematics;
- C. Discover mathematical talents among the students;
- D. Develop the values of hard work, perseverance, honesty, teamwork and sportsmanship; and

III. COVERAGE

The coverage of the competition shall be strictly the current and approved DepEd K to 12 Education Curriculum for Elementary and Junior High School, per grade level. For schools with enhanced or modified curriculum, an approved equivalent DepEd certification will be required for submission.

QUALIFICATIONS

A. Eliminations: All bonafide students enrolled in Grades 1 to 10 ONLY, in any public and private school in 17 regions including those from State, Universities and Colleges (SUCs), as certified by the principal or registrar of the school.

Note: Contestants must be actually enrolled in the grade level they are competing. In **NO** instance shall mixed grade level participation in team competition be allowed. Only **three (3)** students per grade level shall represent each school, for both public and private.

B. <u>Division Finals:</u> The top six (min.) to 20 (max.) highest scoring schools in the elimination round per grade level, Grades 1 to 6 (for Elementary) and Grades 7 to 10 (for Junior High School) may qualify.

Note: The number of qualified division finalists depends on the total number of schools that will participate in the elimination round. Please refer to the Contest Mechanics *(MMC Document No. 3)* for details.

HOW TO JOIN

- **ALL public and private schools** must register online via the MMC Form No. 1 web address http://metrobankmathchalle nge.com on or before 2018. November 17, **MMC** Instructions are in Document No. 4.
- Print and submit the online MMC Form No. 1 (email confirmation) to the DepEd Division Math Supervisors where your school is located on or before November 17, 2018.
- The concerned DepEd Division Math Supervisors shall accomplish and submit the summary of participants (*MMC Form No. 2*) via the MMC online portal. Instructions will be provided to all DepEd Divisions (*MMC Document No. 5*).
- The MMC Document No.5 and Math Supervisor access on MMC Online Portal will be available on November 19, 2018.
- The accomplished MMC Form
 No. 2 must be encoded and
 submitted on or before
 November 26, 2018.
- You may call Jashly Rayoan, Technical Assistant at CP No. (0917) 314-7616 for any difficulties in logging into your MMC account or if you have any questions related to the MMC online portal.

MMC Documents Guide

MMC Document No.1 – Primer MMC Document No.2 – Operating Guidelines

MMC Document No.3 – Contest Mechanics

MMC Document No.4 – Instructions on the Online Registration: MMC Form No.

MMC Document No.5 – Instructions on the MMC Online Portal for Math Supervisors

You may download the documents at the Metrobank Foundation website at <u>www.mbfoundation.org.ph</u> or through the official Facebook Page of MMC at www.fb.com/MetrobankMathChallenge.

C. Regional Finals:

- Individual Competition: All top placers in each division during the elimination round, for both Grades 6 and 10, provided they meet the hurdle rate of 25 points out of a perfect score of 50.
- **Team Competition:** All the 1st placers during the Division Finals, for both Grades 6 and 10, provided they meet the hurdle rate of 30 points out of a perfect score of 60.
- **D.** <u>National Finals</u> (for both Individual and Team Category)
 - For both Elementary and Secondary Levels:
 - i. Top scorers for both Categories A & B in NCR
 - ii. Top scorer in each geographical area (Rest of Luzon, Visayas, and Mindanao)
 - iii. Remaining five (5) top scorers across all regions
 - Individual and Team contestants should meet the hurdle rate of 45 points out of a perfect score of 60.

PRIZES AND REWARDS

A. Elimination Stage (Grades 1 to 6; Grades 7 to Grade 10)

The following top-ranking students shall be given certificates of merit:

- ❖ 1st Honors: for those who get 90% correct answers
- 2nd Honors: for those who get 80% correct answers
- ❖ 3rd Honors: for those who get 70% correct answers

B. Division Finals (Grades 1 to 6; Grades 7 to Grade 10)

- Medals and certificates for each member of the top 3 winning teams per grade/year level
- Certificates of recognition for the schools of the top 3 winning teams, per grade/year level
- Certificates of appreciation for all coaches/trainors
- Certificates of merit for non-winning contestants

C. Regional Finals (Grade 6 and Grade 10)

Medals and cash prizes for the top 3 individual winners and members of the top 3 winning teams per level:

Grade 6 Grade 10 1st Place – P4,000.00 1st Place – P6,000.00 2nd Place – P3,000.00 2nd Place – P5,000.00 3rd Place – P2,000.00 3rd Place – P4,000.00

A portion of the cash prize will be used to open a Metrobank savings account for kids called, Fun Savers Club.

- Certificates of recognition for the top 3 individual winners and members of the top 3 winning teams per grade/year level; Trophies for the schools of the top 3 winning teams per level
- Certificates of recognition for all coaches
- Cash allowance of P750.00 for coaches
- Certificates of merit for non-winning Regional Finalists

D. National Finals (Grade 6 and Grade 10)

Medals and cash prizes for the top 3 individual winners and the members of the top 3 winning teams per level:

Grade 6Grade 101st Place - P25,000.001st Place - P50,000.002nd Place - P20,000.002nd Place - P40,000.003rd Place - P15,000.003rd Place - P30,000.00

A portion of the cash prize will automatically be deposited to their Fun Savers Club savings account

- ❖ Trophies for the schools of the top 3 winning teams per level
- Certificates of recognition for all coaches
- Cash allowance of P1,500.00 for coaches
- Certificates of recognition for National Finalists

STAGES OF THE COMPETITION

A. INDIVIDUAL COMPETITION

Elimination Rounds: Grades 1 to 10 (Written Exam)

Regional Finals: Grade 6 and Grade 10 (Written Exam)

National Finals: Grade 6 and Grade 10 (Written and Oral Exam)

B. TEAM COMPETITION

Elimination Rounds: Grades 1 to 10 (Written Exam)

> Division Finals: Grades 1 to 10 (Oral Exam)

Regional Finals: Grade 6 and Grade 10 (Oral Exam)

National Finals: Grade 6 and Grade 10 (Oral Exam)

Note: For NCR, Sectoral Finals are held before the Regional Finals.

COMPETITION IMPLEMENTORS

A **National Steering Committee** composed of officers / representatives from MBFI, MTAP and DepEd, shall oversee the implementation and formulate the guidelines, policies and mechanics of the competition.

The **MBFI** shall serve as major sponsor and implementor and thus, shall be involved in all aspects and phases of the competition including supervision of the **National Finals and Awarding Ceremonies**.

The <u>MTAP</u> shall oversee the conduct of the Regional Finals in coordination with DepEd and the National Finals in coordination with MBFI. MTAP will also be responsible for settling all questions, including protests, which may arise in the course of the competition at the <u>Regional Level</u>.

The <u>DepEd</u> shall supervise the competition from the Elimination Rounds to the Regional Finals and shoulder expenses incidental thereto from sources to be determined by participating parties. DepEd will also be responsible for settling all questions, including protests, which may arise in the course of the competition from the **Elimination to the Division Level.**

November **17**, 2018

Deadline for Submission of MMC Form No. 1

(ALL Public and Private Schools must register online via http://metrobankmathchallenge.com)

January **17** and **18**, 2019

Elimination Round for Grades 1-6 (January 17) and Grades 7-10 (January 18)

March **1**, 2019

Regional Finals

FOR MORE DETAILS



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/MetrobankMathChallenge

COMPETITION SCHEDULE

November **26**, 2018

Deadline for Online Submission of MMC Form No. 2

(DepEd Division Math Supervisors to approve MMC Form No. 1 online applications and assign testing centers for the participating schools via MMC Online Portal (http://onlineportal.metrobankmathchallenge.com)

February 7 and **8**, 2019

Division Team Finals for Grades 1-6 (February 7) and Grades 7-10 (February 8)

March 29, 2019

National Individual Finals (Written Exam) and Opening Program of the National Finals

March 30, 2019

National Finals (Individual and Team Orals) and Awarding Ceremonies Venue is Metrobank Plaza Auditorium, Makati City

OPERATING GUIDELINES MMC Document No. 2





I. SCHOOL LEVEL:

- 1. It is recommended that schools conduct their own mini-competition using a written exam by grade level to determine the best candidates who will join the MMC elimination rounds.
- 2. The top three students per grade level who will obtain the highest scores will represent the school in the Elimination Round.

Note: The elimination round is open to ALL interested schools, both private and public. It is suggested that school districts should not conduct their own elimination to choose contestants for the whole district. This is to give each school equal chances of joining.

3. There shall be a maximum of (18) pupils for Elementary and/or (12) students for Junior High School in every participating school, broken down as follows.

Example:			School A (Grades 1-6)		
Grade	1	2	3	4	5	6
Number of Pupils	3	3 3 3 3 3				
Total			1	L 8		

Example:	School A (Grades 7-10)			
Grade/Level	7	8	9	10
Number of Pupils	3 3 3 3			
Total		12		

- 4. **ALL public and private schools** must accomplish an online registration (MMC Form No. 1) via the MMC portal: http://metrobankmathchallenge.com. They must then print and submit the online MMC Form No. 1 (email confirmation) to the DepEd Division MathSupervisors where their school is located on or before November 17, 2018.
- 5. The School contestants and their respective coaches must present the printed copy of online MMC form No. 1 (email confirmation) to the registration in-charge together with their identification cards during the Elimination Round on January 17, 2019 (Elementary) or January 18, 2019 (Junior High School). This serves as permit in joining the competition. "No permit, No Entry" policy shall be implemented.
- 6. The DepEd Division Math Supervisors shall then review and approve the MMC Form No. 1 submissions and assign the testing centers of the participating schools (MMC Form No. 2) ONLINE through the MMC online portal using this web addresss http://onlineportal.metrobankmathchallenge.com on or before November 26, 2018. Instructions are in MMC Document No. 5. Failure to submit may be a ground for disqualification of the Division in conducting the elimination round, which is scheduled on January 17-18, 2019.
- 7. DepEd Division Math Supervisors' access on the MMC online portal and **MMC Document No. 5** will be available on **November 15**, **2018**.

II. ELIMINATION ROUNDS

- 8. The DepEd Division Math Supervisor shall be in-charge of the preparation, implementation and documentation of the Elimination Rounds competition. He/she will also be responsible for settling all questions, including protests, which may arise in the course of the competition, or a panel of advisers may be formed by the Schools Division Superintendent.
- 9. The test materials shall be prepared by the MMC secretariat and transmitted through the pre-assigned Metrobank branch for each Division. The pre-assignment and matching will be done by Metrobank Foundation.
- 10. In case there is no Metrobank branch in the area, the test materials shall be delivered directly to the DepEd Division Office/s addressed to the Schools Division Superintendent.
- 11. The concerned Branch Manager or Schools Division Superintendent shall turn over the questionnaires personally to the Division Math Supervisor on **January 17, 2019** for Grades 1-6 and **January 18, 2019** for Grades 7-10.
- 12. The Division Math Supervisor shall then turn over the questionnaires to the Testing Center Coordinators on the same dates. A certification on top of the package which contains the questionnaires will be signed by the Metrobank Branch Manager, Schools Division Superintendent, the Division Math Supervisor, and the Testing Center Coordinator to document the said turnover of test questionnaires.
- 13. A Division may have one or more testing centers depending on the distance between the schools, the size of the Division and the number of participating schools. It will be feasible to have one center per District for the elementary category. For the Junior High School category, a cluster of towns may have one center. A cluster of City Divisions with very few Secondary schools may also have just one center.
 - **Example:** Suppose Division A has 20 participating schools. Then, there will be 20 x 3 or 60 students/grade level or a total of 360 pupils from Grades 1 to 6 who will take the test in the Center. If those 20 schools are very far from each other, the Division may have more than one center for them.
- 14. The test materials will be opened publicly by the Testing Center Coordinator just before the start of the competition at **8:00 a.m.** A short opening program may be conducted where the materials will be officially opened. A certification will be signed by the Testing Center Coordinator and selected proctors to document the proceedings.
- 15. In case the number of questionnaires sent is not enough, photocopying is **NOT ALLOWED**. Only pre-registered participants shall be allowed to take the test. Thus participating schools must ensure that they successfully accomplished and submitted their online registration MMC Form No. 1 via the MMC Online Portal & to their local DepEd Divisions and that the data encoded online **(MMC Form No. 2)** were submitted on time and accurate.
- 16. The Elimination Round should be held simultaneously in all regions nationwide on January 17-18, 2019 at 8:30 a.m. <u>As agreed upon by the MMC National Steering Committee, conduct of the contest other than this schedule is not allowed.</u>

- 17. The test papers will be corrected using the answer key provided. Please refer to the **Guidelines** in Checking the Test Papers.
- 18. <u>The winners of the elimination round should be announced as soon as test papers are corrected and within the date of the competition</u>. In case the results will not be released because of a valid reason (i.e. too many schools joined and the assigned correctors will not be able to finish checking the test papers on time), the Division Math Supervisor should announce the results not later than **January 21, 2019.**
- 19. Announcement of results of the elimination round should be formalized through the issuance and dissemination of a DepEd Division memorandum circular.
- 20. Concerned Division Math supervisors are also required to post the results of the elimination round ONLINE via the MMC portal.
- 21. The school scores of the whole Division per grade shall be ranked from highest to lowest. Please refer to the **MMC Document No. 3 (Contest Mechanics)** Item no. 13 for the guide in computing the total scores for participating schools.
- 22. The top 6 to 20 highest scoring schools qualify to participate in the **Division Team Finals** competition. The number of teams qualified to join the Division Finals is dependent on the number of participating schools in the elimination rounds. Please refer to matrix below:

Number of Participating Schools	Number of Teams to Qualify in the Division Finals	Number of Participating Schools	Number of Teams to Qualify in the Division Finals
15 or fewer	Top 6	31-35	Top 14
16-20	Top 8	36-40	Top 16
21-25	Top 10	41-45	Top 18
26-30	Top 12	46 or more	Top 20

Note: 20 is the maximum number of teams because based on experience, it is the most manageable number for an oral team competition.

- 23. The DepEd Division Math Supervisors shall then submit the summary of the number of teams which are qualified to join the Division Finals (MMC Form No. 3) ONLINE through the MMC online portal on or before January 21, 2019. Delay in the submission will cause delay in the sending of the test materials.
- 24. Certificates of Merit shall be awarded to students from Grades 1 to 10 who qualify under the following conditions based on their performance in the Elimination Rounds:

Rank	Grade 1 and 2	Grade 3 and 4	Grade 5 to 10
1 st Honors	For those who get 27	For those who get 36 or	For those who get 45
	or more correct	more correct answers	or more correct
	answers		answers
2 nd Honors	For those who get 24	For those who get 32 to	For those who get 40
	to 26 correct answers	35 correct answers	to 44 correct
			answers
3 rd Honors	For those who get 21	For those who get 28 to	For those who get 35
	to 23 correct answers	31 correct answers	to 39 correct answers

25. The top Grade 6 and Grade 10 individuals of each Division in the elimination rounds automatically qualify to the Regional Finals provided they meet the hurdle rate of 25 out of a perfect score of 50 or 50%.

III. DIVISION FINALS

- 26. The <u>DepEd Division Math Supervisor</u> shall be in-charge of the preparation, implementation and documentation of the Division Finals competition including preparation of the program and designation of judges, proctors and hosts/quizmasters. <u>He/she will also be responsible for settling all questions, including protests, that may arise in the course of the competition, or a panel of advisers may be formed by the Division Schools Superintendent.</u>
- 27. The test materials shall be prepared by the MMC Secretariat and transmitted through the same Metrobank branch in the Division/area which coordinated the elimination rounds.
- 28. In case there is no Metrobank branch in the area, the test materials shall be delivered to the Division Office/s addressed to the Schools Division Superintendent.
- 29. The concerned Branch Manager or Schools Division Superintendent shall turn over the questionnaires personally to the DepEd Division Math Supervisor on the day of the Division Finals, i.e,. February 7, 2019 (Grades 1 to 6) and February 8, 2019 (Grades 7 to 10).
- 30. An Opening Program for the Division Finals should be made at **8:00 am** where the package containing the test questionnaires shall be <u>opened publicly</u> and witnessed by the Branch Manager or Schools Division Superintendent. This must be documented using digital or cellphone camera, as proof.
- 31. The Team Orals should be conducted in three different venues (Grades 1-2 in one venue, and Grade 2-3 in another venue, and Grade 5-6 in another venue). The competition should be held simultaneously, preferably on the stage, inside the gym or any function room that can accommodate the participants and audience for the competition.

32. The following schedule of competition should be followed:

Elementary (February 7, 2019)				
Venue A	Ver	nue B	Venue C	Time
Grade 1	Grade	e 3	Grade 5	8:30 am
Grade 2	Grade	e 4	Grade 6	10:00 am
High School (February 8, 2019)				
Venue A Venue B Time				
Grade 7		Grade 9		8:30 am
Grade 8		Grade 10		10:00 am

- 33. Concerned Division Math supervisors are also required to **post the result of the Division Finals ONLINE via the MMC portal.**
- 34. The results of the Division Finals should be announced immediately after the competition and a DepEd memo should be issued to formalize the announcement. A copy of the memo

- should be furnished the DepEd Regional Math Supervisor for reference in preparing for the Regional Finals.
- 35. **Medals and certificates** will be awarded to the members of the <u>top 3 winning teams</u> per grade level regardless of their scores.
- 36. First place winners in the Grade 6 and Grade 10 in the Division Finals are qualified to compete in the *Regional Finals* provided they meet the hurdle rate of **30 points out of a perfect score of 60**.
- 37. All concerned DepEd Division Offices shall issue a certification that indicates the teams that will officially compete in the Regional Finals. Attached to the certificate is the actual score sheet duly signed by the judges of the Division Finals.
- 38. Certificates of Recognition will be awarded to the schools of the top 3 winning teams. Certificates of appreciation will be given to all coaches and staff members of the competition. All non-winning contestants will be given certificates of merit.
- 39. The Division Math Supervisor shall submit a completion report on the conduct of the Elimination and Division Finals on or before **February 26, 2019.** Only an electronic copy of the report should be submitted through email at secretariat.mathchallenge@gmail.com, with the following content:

	Elimination Rounds	
1.	Executive Summary (Narrative Report)	
2.	Registration of the Contestants	
3.	Copy of the Opening Program	
4.	Certifications (Opening and Turnover of the Test Materials)	
5.	Division Memorandum on the Results of the Elimination	
	Rounds	
6.	5 best photos (action shots)	
	Division Finals	
1.	Executive Summary (Narrative Report)	
2.	<u> </u>	
3.	Copy of the Opening Program	
4.	Certifications (Opening and Turnover of the Test Materials)	
5.	Division Memorandum on the Results of the Division Finals	
6.	List of Judges	
7.	Name of Metrobank representative	
8.	5 best photos (action shots)	

Note: Please do not send the hard copy of the reports.

IV. REGIONAL FINALS

40. The **<u>DepEd Regional Math Supervisor</u>** shall be in-charge of the preparation, implementation and documentation of the Regional Finals, including preparation of program, designation of judges, proctors, correctors for the individual competition, hosts/quizmasters and the accommodation of the MTAP representative. He/She must also endeavor to provide whatever assistance is needed by the MTAP representative.

- 41. An <u>MTAP representative</u> will assist in facilitating this stage of the contest, both for the individual and team competitions. <u>He/she will also be responsible for settling all questions, including protests, that may arise in the course of the competition</u>.
- 42. The MTAP representative shall bring the questionnaires and awarding materials on the date of the contest. He/she will open the package containing the questionnaires at 8:00 am with the presence of the Schools Division Superintendent.

A. INDIVIDUAL WRITTEN COMPETITION: (Grade 6 and Grade 10 only)

- 43. The competition shall be conducted in a close room. For this competition, the contestants must use their code numbers given to them at the registration.
- 44. There may be more than one corrector for the papers, but only one may correct either Part II or III for the sake of consistency in the giving of partial credit. Each paper must be counter-checked by a corrector of another part of the paper.
- 45. The top three scorers will be awarded with certificates, medals and cash prizes regardless of their scores.
- 46. Certificates of merit will be given to all non-winning Regional Finalists while certificates of recognition will be given to all trainors/coaches.

B. TEAM ORAL COMPETITION: (Grade 6 and Grade 10 only)

- 47. The conduct of the competition shall be the same with the Division Team Oral Finals.
- 48. The following schedule shall be followed:

	March 1, 2019
8:00 am	Opening Program
8:30 am	Individual Written Exam for Grade 6 and Grade 10
10:00 am	Grade 6 Team Oral Competition
11:30 am	Grade 10 Team Oral Competition
1:00 pm	Awarding Ceremonies

- 49. The top 3 teams will be declared winners and will be awarded with certificates, medals and cash prizes regardless of their scores. Trophies will be awarded to the schools of the winning team, regardless of their scores. Certificates of recognition will be given to all coaches and staff members. All non-winning Regional Finalists will be given certificates of merit.
- 50. Coaches of both individual and team contestants shall be given cash allowance by the Metrobank Branch representative concerned. <u>However, in case the individual and team Regional Finalists come from the same school, only the coach of the team shall be given cash allowance</u>. This should be announced by the Host/Quizmaster during the OPENING PROGRAM.
- 51. The Metrobank Foundation will provide the cash prizes which will be used in opening their Metrobank Fun Savers account, medals and trophies while MTAP, shall provide certificates.

V. NATIONAL FINALS

A. SELECTION OF NATIONAL FINALISTS: (Grade 6 and Grade 10 only)

52. Scores of all regional first place winners in each geographical area, i.e., NCR, Rest of Luzon, Visayas and Mindanao, for both individual and team competition, shall be ranked from highest to lowest.

53. Slots Allocation of National Finalists:

For both Grade 6 and Grade 10

- ➤ Top scorers for both Categories A & B in NCR
- Top scorers in each geographical are (Rest of Luzon, Visayas, and Mindanao)
- > Remaining five (5) top scorers across all regions.
- 54. Top rankers must also meet the **"hurdle rate"** established by the National Steering Committee, which is **45 points** out of a perfect score of 60 points.
- 55. In case of tie, the Metrobank Branch concerned will administer the tie-breaking questions at a designated venue, in coordination with the DepED Regional Office.
- 56. National Finalists shall be notified formally by Metrobank Foundation as soon as the consolidation of results is completed by MTAP and MBFI.

B. INDIVIDUAL COMPETITION: (Grade 6 and Grade 10 only)

- 57. The individual contestants will undergo both written and oral competitions. The individual written competition will be administered a day before the oral competition.
- 58. The final score of each individual contestant will be **60% of written score + 40% of the oral score**. This will be announced after the oral competition.
- 59. The contestants will be ranked according to the combined scores and the top three will be declared winners. In case of a tie among any of the teams vying for the first three places, a set of 3 questions will be given to break the tie, one from each category of questions. If the tie is not broken after the three questions, "do or die" questions will be given.

C. TEAM COMPETITION: (Grade 6 and Grade 10 only)

60. The team contestants will undergo an oral competition only.

Note: The complete mechanics of both the individual and team competitions at the national level shall be explained prior to the start of the contest.



CONTEST MECHANICS MMC Document No. 3





I. ELIMINATION ROUNDS

- 1. <u>ALL public and private schools</u> must register online via the online MMC Form No. 1: http://metrobankmathchallenge.com on or before **November 17, 2018.**
- 2. The contestants from each participating school shall take the elimination round in a testing center designated by the Division. The elimination round is a written test.
- 3. Contestants in a testing room must be of the same grade level. Students from the same school must not sit beside each other nor one behind the other.
- 4. Contestants are NOT allowed to bring cellphone, ipad, ipod, camera, calculator, laptop computer, and other gadgets inside the testing room.
- 5. The proctor shall distribute first the scratch papers where the contestants shall solve the problems. Contestants should write their names in all the scratch papers.
- 6. Before distributing the test papers, the proctor should tell the contestants that they should write **only** their name and school on the test paper. No one should begin answering the questions unless the proctor gives the signal to do so.
- 7. The proctor tells the contestants that **only the final answers** must be written on the test paper. All solutions shall be placed on the scratch papers which should also be turned over to the proctors together with the test paper.
- 8. The proctor informs the contestants of the time limit for the test. He gives the signal for the contestants to begin. Then, he writes on the board "Time Started: ____ " and "Time Ends: ____ "

 Duration of the test:

Grade Level	Time Allotment
Grades 1 and 2	60 minutes
Grades 3 and 4	80 minutes
Grades 5 and 6	100 minutes
Grade 7 to 10	2 hours

- 9. Proctor gives 15 minutes and 5 minutes warning before the time is up. All test and scratch papers should be collected when the time is up.
- 10. The proctor shall give all papers (answered test papers, scratch papers, extra copies of questions) to the person in-charge of assigning the checkers.
- 11. If any student submits the paper before the time, the proctor shall accept it and ask the student to leave the classroom. The proctor shall collect ALL papers when the time is up and will not allow any extension.

- 12. The papers shall be corrected using the answer keys provided. Answer keys shall only be opened just before correction begins. Each correct answer merits one point.
- 13. The scores of the top two contestants of a school by grade/year level shall be added to form the school's score. Suppose the scores of the (3) contestants of **School A** in **Grade 1** are as follows:

Efren: 32 **Rosa**:35 **Jose**: 38

- The score of **School A** will be 35 + 38 = 73. The **Grade 1** team from **School A** will be composed of **Jose** and **Rosa**.
- Assuming School A qualifies to compete in the Division Team Finals, Efren will
 be the alternate if either Rosa or Jose is not available on the date of the competition.
- If in case <u>both</u> **Jose** and **Rosa** are not available to compete due to unforeseen circumstances, **Efren** will not be allowed to compete alone. Thus, their team will automatically be disqualified. <u>SUBSTITUTION IS NOT ALLOWED.</u>

II. DIVISION FINALS

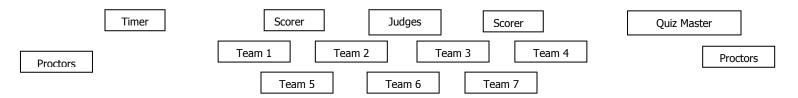
- 14. The Division Finals is an oral team competition.
- 15. Each team will be provided with slips of paper for the answer to each question. Before the first question, they will write their team identification on each slip.
- 16. There shall be 20 questions: 10 fifteen-second questions worth 2 points each, 5 thirty-second questions worth 3 points each and 5 one-minute questions worth 5 points each for a total of 60 points.
 - a. The 15-second questions are to be answered mentally. There will be no writing anywhere, neither on paper, the table, etc. The team of two will work together as one to discuss their answer to the question. They may start discussing their solution after the first reading of each question.
 - b. For the 30-second questions, scratch paper will be provided for each teamcontestant. Contestants may begin solving as soon as they wish.
 - c. For 1-minute questions, a copy of the questions will be provided for each team. Scratch papers will be provided.
 - d. NO additional questions should be asked over the 20 official questions provided for this stage of the competition.
- 17. The quizmaster will read each question twice, after which he/she gives the GO signal. The timer starts when the quizmaster gives the GO signal. The questions shall be read exactly as it is formulated. Rephrasing of the questions is not allowed.
- 18. Each answer will be written on the official answer slips provided. As soon as the buzzer rings, everybody must stop writing.

- 19. Proctors will collect the answer slips and give them to the judges who sort them into two sets: those with correct answers and those with wrong answers.
- 20. One of the judges will announce the teams with the correct answer. The scorers record the points obtained by each team for each correct answer.
- 21. Answers must be given complete with units and to the required accuracy. However if the unit is already given in the way the question is asked, it need not be given in the answer.
- 22. The teams will be ranked according to their total score in the three parts to determine the winners.
- 23. In case of a tie among any of the teams vying for the first three places, a set of 3 questions will be given to break the tie, one from each category of questions. If the tie is not broken after the three questions, "do or die" questions will be given.

COMPLAINTS OR CLARIFICATIONS

- 24. Only the official contestants may raise a complaint or clarification.
- 25. Complaints on a given question should be made before the next question is asked. This should be directed to the Chairman of the Board of Judges.
- 26. The following are responsible for settling all questions, including protest, which may arise in the course of the competition:
 - **Elimination Round to the Division Finals** Department of Education (DepEd)
 - Regional Finals Mathematics Teachers Association of the Philippines, Inc. (MTAP)
 - > National Finals Metrobank Foundation, Inc. (MBFI)

SUGGESTED PHYSICAL ARRANGEMENT:



27. Each team of 2 will be seated in such a way that they can discuss their answers. They must be facing the judges.

MANPOWER REQUIREMENT:

28. Each venue requires the following support staff: 3 Judges, 1 Quizmaster, 2 Scorers (1 on the board/project on screen and 1 manual scoring using the score sheet), 1 timer, 1 proctor for every 4 to 5 teams.

BOARD OF JUDGES:

- 29. There will be a panel of three judges composed of persons competent in the field of Mathematics.
- 30. Before the competition officially starts, the board of judges shall review and resolve issues and problems regarding the test questions and their respective answers.
- 31. The board of judges is responsible in settling the complaints and address clarifications on a given question or issue during the competition. All decisions of the board of judges shall be final.

CHANGES ON RULES AND REGULATIONS

32. Only the National Steering Committee reserves the right to make any modifications on the rules and regulations of the Competition.

III. REGIONAL FINALS

A. INDIVIDUAL COMPETITION: (Grade 6 and Grade 10 only)

- 33. The Regional Finals for the Individual Competition is a written exam.
- 34. The test consists of three types of questions:
 - Part I 15 questions worth 2 points each
 - Part II 5 questions worth 3 points each; and
 - Part III 3 questions worth 5 points each for a total of 60 points
- 35. For this competition, the contestants must use their code numbers given to them at the registration.
- 36. The Grade 6 contestants will be given 1.5 hours to answer the test; the Grade 10 contestants, 2 hours.
- 37. Partial credit will be given to answers in Parts II and III.
- 38. There may be more than one corrector for the papers, but only <u>one</u> may correct either Part II or III for the sake of consistency in the giving of partial credit. Each paper must be counter-checked by a corrector of another part of the paper.

B. TEAM COMPETITION: (Grade 6 and Grade 10 only)

39. The mechanics of the Regional Finals Team Competition is the same as that of the Division Finals.

IV. NATIONAL FINALS

A. INDIVIDUAL COMPETITION: (Grade 6 and Grade 10 only))

40. The individual contestants will undergo both written and oral competitions. The individual written competition will be administered a day before the oral competition.

- 41. The final score of each individual contestant will be 60% of the written score + 40% of the oral score. This will be announced after the oral competition.
- 42. The contestants will be ranked according to the combined scores and the top three will be declared winners.

B. TEAM COMPETITION: (Grade 6 and Grade 10 only)

- 43. The team contestants will undergo an oral competition only. The mechanics are the same as those of the Division and Regional Finals.
- 44. The top three teams will be declared winners. In case of a tie among any of the teams vying for the first three places, a set of 3 questions will be given to break the tie, one from each category of questions. If the tie is not broken after the three questions, "do or die" questions will be given.



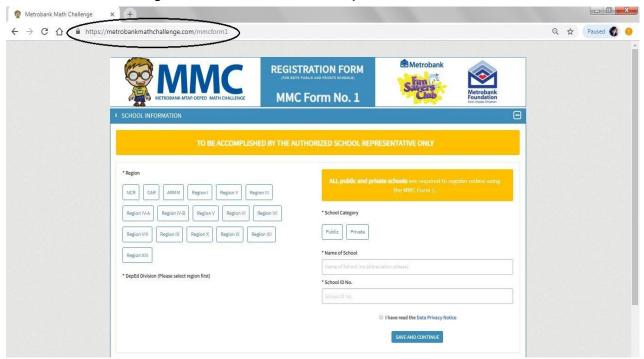
THE ONLINE REGISTRAION **MMC FORM 1**



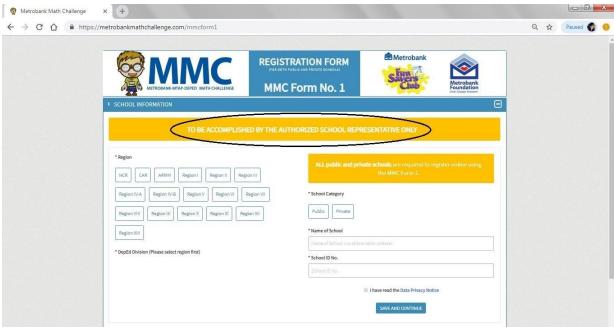


For ALL Public and Private Schools **MMC Document No. 4**

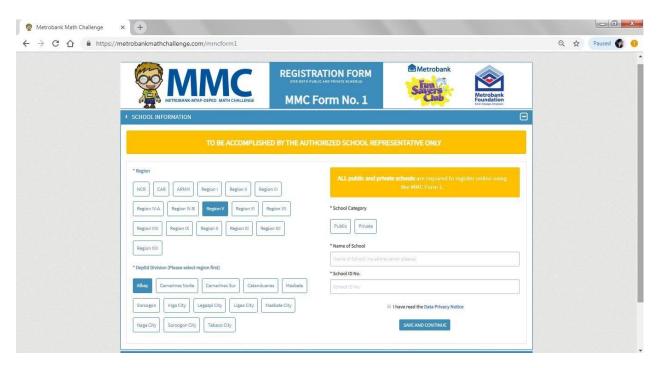
1. All public and private schools must register online via the MMC Form No. 1 Online Registration using this web address (http://metrobankmathchallenge.com). The deadline of the online registration is on **November 17, 2018.**



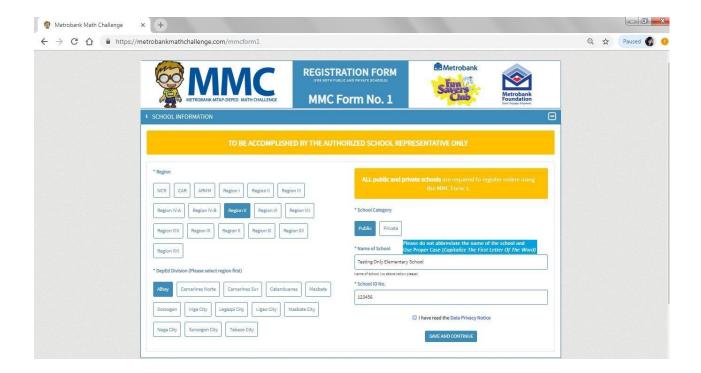
2. After typing the web address, it will be directed to the MMC Form No. 1. Only authorized School Math Coordinator/ Teacher Representative can accomplish and submit the online registration. Unauthorized submission of the online form may result in the rejection of the online registration.



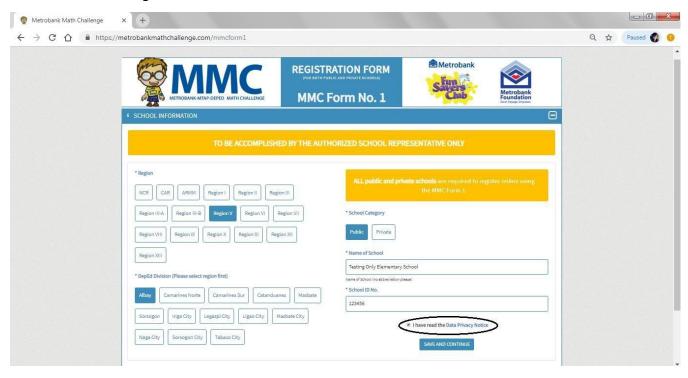
3. Start answering the form by selecting 'Region'. Then, select corresponding 'Division'. The choices for the 'Division' changes according to the 'Region' selected.



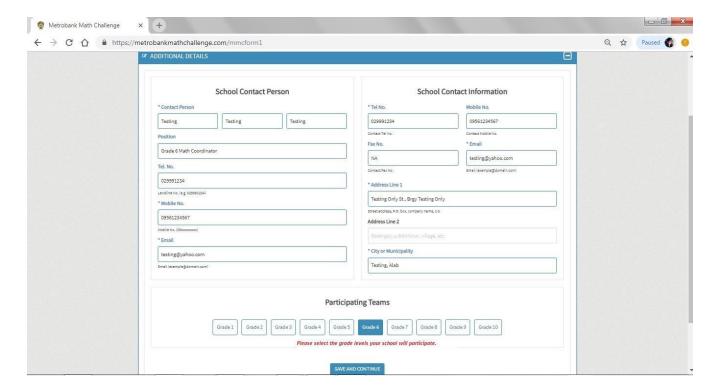
4. After selecting a 'Division', select the school category and fill up the Name of the School and School ID Number. Please do not abbreviate the name of the school and use Proper Case (not UPPER CASE).



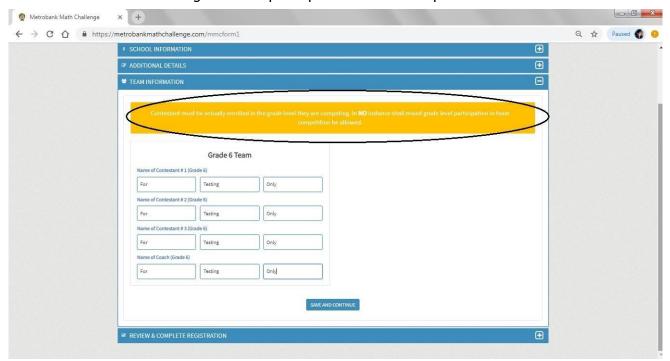
5. Kindly read the Data Privacy Notice and tick the box if you agree before saving and continuing to the next section.



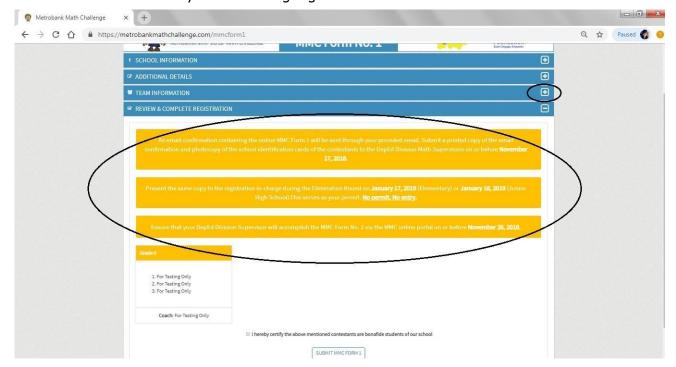
6. In Additional Details, please fill up all required mark with * and applicable details. Then select the grade levels that the school will compete/ participate.



7. In Team Information, fill up the complete name of the contestants per grade level. The 'Team Information' changes according to the 'Participating Teams' selected. The Contestants must be actually enrolled in the grade level they are competing. In **NO** instance shall mixed grade level participation in team competition be allowed.



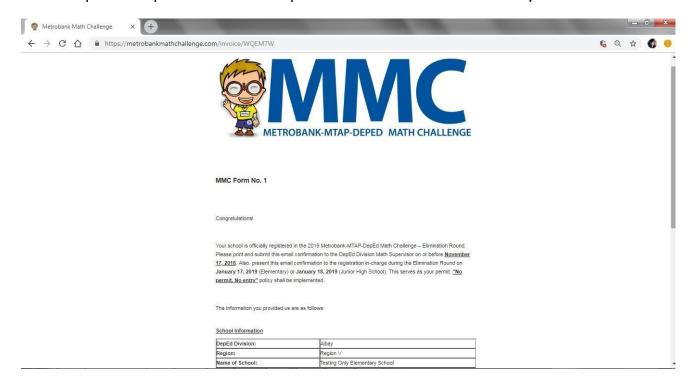
8. Please carefully review all information and read the important notes. If you wish to edit, you may go back to the previous sections by clicking this icon. Once the MMC Form No. 1 is submitted you can no longer go back and edit the form.



9. Once all information are reviewed, tick the box above the submit button to certify that the contestants are bona fide students of your school. Click "Submit MMC Form 1" to complete the online registration.



10. After which, you will be directed to the Online Registration MMC Form No. 1 Summary. An email confirmation will also be sent to the email addressed in the form. Please print and submit the online MMC Form 1 email confirmation with the signature of the Authorized Math Coordinator/ School Representative and School Principal to your respective DepEd Division Math Supervisor on or before **November 17, 2018.**



- 11. The school contestants and their respective coaches must present the printed and signed copy of the online MMC Form 1 email confirmation to the registration in-charge together with their identification cards during the Elimination Round on **January 17**, **2018** (Elementary) or **January 18**, **2018** (Junior High School). This serves as permit in joining the competition. "No Permit, No Entry" policy shall be implemented.
- 12. The Online Registration MMC Form No. 1 will be deactivated and not be accessible after November 17, 2018.

SAMPLE online MMC Form 1 email confirmation

Order Confirmation Email for Metrobank Math Challenge - Form 1

Click this print icon to print the MN Form No. 1 email confirmation





MMC Registration < registration@metrobankmathchallenge.com >

to me

8:38 AM (7 minutes ago)





MMC Form No. 1

Congratulations!

Your school is officially registered in the 2019 Metrobank-MTAP-DepEd Math Challenge – Elimination Round. Please print and submit this email confirmation to the DepEd Division Math Supervisor on or before November 17, 2018. Also, present this email confirmation to the registration in-charge during the Elimination Round on January 17, 2019 (Elementary) or January 18, 2019 (Junior High School). This serves as your permit. No entry!" policy shall be implemented.

The information you provided us are as follows:

School Information

DepEd Division:	Albay	
Region:	Region V	
Name of School:	Testing Only Elementary School	
School Tel No.:	02123456	
School Fax No.:	N/A	
School Mobile No.:	09561234567	
School Email:	testing@qmail.com Testing Only St., Brgy Testing Only	
School Address:	N/A Testing, Albay	
Contact Person:	Testing Testing Testing	
Position:	N/A	
Tel No. of Contact Person:	N/A	
Mobile No. of Contact Person:	09561234567	
Email of Contact Person:	secretariat.mathchallenge@gmail.com	

Contestants' Information - Grade 6

Name of Contestant # 1:	For Testing Only
Name of Contestant # 2:	For Testing Only
Name of Contestant # 3:	For Testing Only
Name of Coach:	For Testing Only

Prepared by:

Signature with Printed Name of Official School Math Coordinator

Signature with Printed Name of the School Prinicipal